

## CONTENTS.

### ALPHABETICAL LIST OF CONTRIBUTORS.

#### APLIN, F. C.

Grey form of the Tawny Owl in Buckinghamshire, 471; Hobby in Oxfordshire, 486

#### APLIN, OLIVER V.

Uncommon varieties of British birds, 10; Records of the Hoopoe in Hampshire, 28, 68; Note of some rare British birds in the collection of Mr. J. Whitaker, 50; Pale-coloured Kestrel from Skye, 67; Stoats acquiring the Ermine dress in mild seasons, 112; Wild-fowl in North Oxfordshire, 113; Subcutaneous worms in Short-eared Owl, 153; Great Grey Shrike in Northamptonshire and Oxfordshire, 229; Fieldfares and Redwings, 339; Rare visitors to N. Oxfordshire, 341; Ornithological notes from Oxfordshire, 488

#### BACKHOUSE, JAMES, jun.

Ornithological notes from the French Pyrenees, 20; Great Grey Shrike at York, 68; The American Kestrel in Yorkshire, 230

#### BARRINGTON, RICHARD M., M.A.

Wood Pigeon cooing at night, 231; The St. Kilda Wren, 383; Irish breeding-stations of the Gannet, 473

#### BECHER, Capt. E. F., R.A., F.Z.S.

Food of the Stone Curlew, 68, 113; Occurrence of the Swallow-tailed Kite in Europe, 145; Abnormally coloured Sky Lark, 230, 273; Blue-headed Yellow Wagtail in confinement, 232; Food of the House Sparrow, 342; Lizards on the rock of Filfola, 431; Shearwaters on the rock of Filfola, 467; Hooded Crow and Grey Phalarope at Malta, 486

ZOOLOGIST.—DEC. 1884.

#### BECHER, Rev. W.

Strange behaviour of Starlings, 70; Nesting of the Long-tailed Tit-mouse, 383

#### BECKWITH, WILLIAM E.

Common Sandpiper in winter, 73

#### BLYTH, EDWARD, the late

Three unpublished papers on Ornithology, 201, 247, 300

#### BOND, F., F.L.S., F.Z.S.

Manx Shearwater inland in Shropshire, 431

#### BORRER, W., M.A.

American Bittern in Sussex, 68

#### BOULENGER, G. A.

On the existence of two species of Aquatic Frogs in North Germany, 220; On the origin of the Edible Frog in England, 265

#### BROWN, J. A. HARVIE, F.R.S.E., &c.

Method of recording observations, 60, 140; Abnormal eggs of Ring Ouzel, 273

#### BROWN, WILLIAM

Habits of the Magpie, 344

#### BROWNE, MONTAGUE

"Sea-blue Bird of March," 197

#### BUNKER, THOMAS

Rudolphi's Rorqual at Goole, 483

#### BUXTON, J. H.

Abnormal eggs of Blackbird, 195, 227

#### CANDLER, HENRY

Building sites of House Martin, 470

#### CARTER, THOMAS

Badger in North Yorkshire, 63; Breeding of Redshank in North Yorkshire, 72; Green Sandpiper in North Yorkshire, 431; Egging on the coast of Yorkshire, 438; Breeding of the Hawfinch in North Yorkshire, 487

#### CLERMONT, Lord

Habits of Parrots, 145

**COATES, V. H.**  
Woodcock in captivity, 150

**COCKS, ALFRED H., M.A., F.Z.S.**  
An autumn visit to Spitzbergen, 13;  
Albino Field Mouse, 226; The Avi-Fauna of Spitzbergen, 231;  
The Finwhale fishery on the coast of Finnmark, 366, 417, 455

**CLARKE, W. EAGLE, F.L.S., and W. DENISON ROEBUCK, F.L.S.**  
Notes on the Vertebrate Fauna of Yorkshire, 171

**COBDEAUX, JOHN**  
Ornithological notes from North Lincolnshire in the autumn and winter of 1883, 184; Wild Duck laying in Rook's nest, 230; Wild Cat in Lincolnshire, 380; Ruffs and Reeves in Lincolnshire, 466; Bittern, White-fronted Goose, and Black Tern in Berkshire, 469; Probable occurrence of the Lapp Bunting near Grimsby, 484

**CORNISH, THOMAS**  
Little Gull and Hawfinch at Penzance, 74; Ray's Bream in Cornwall, 75; Dwarf Swimming Crab at Penzance, 75; Turbot coloured on both surfaces, 115; Greater Pipe-fish in Mount's Bay, 116; Floating Crabs at Penzance, 116; Spinous Shark on the coast of Cornwall, 150; Occurrence of the Argentine near Penzance, 151; Cyclopterus lumpus at Penzance, 234; Large Surmullet in Mount's Bay, 234; Basking Shark on the Cornish coast, 273; Abnormal growth in Cancer pagurus, 349; Long Sunfish near Penzance, 390; Water Rail near Penzance, 429; Wreck-fish at Penzance, 432; Ray's Bream at Penzance, 432; Ray swallowing a Crayfish, 472; Scyllarus arctus at the Land's End, 491

**COUES, ELLIOT, M.A., M.D.**  
On the application of trinomial nomenclature to Zoology, 241

**CROWLEY, PHILIP, F.L.S.**  
Hybrid Pheasants, 70

**DONOVAN, C., jun.**  
Little Bustard in Co. Cork, 69; Common Sandpiper in winter, 115; Habits of Woodcock and Snipe, 148; Siskin and Great Snipe in Co. Cork, 149

**DOWLING, J. J.**  
Sabine's Gull in Dublin Bay, 490

**DUNN, MATHIAS**  
Spawning of fish, 116; Ichthyological notes from Mevagissey, Cornwall, 348

**D'URBAN, W. S. M., F.L.S.**  
Phosphorescence of Syllis, 117; Greater Weaver in Devon, 150; Crustacea on the South coast of Devon, 151; Polecat in Devonshire, 189; Greater Forkbeard in Devon, 196

**EARLE, J. ROLLESTON**  
Curious variety of the Blue Tit, 69; Curious nesting-place of the Sand Martin, 71; Kestrel nesting in holes of trees, 148; Grey Wagtail nesting in East Devon, 195; Curious nesting-place of the Great Tit, 229; Early nesting of the Goldcrest, 230

**EBRINGTON, Viscount, M.P.**  
The growth of Deer-horns, 425

**EDMONDSTON, T.**  
Rough-legged Buzzard in Shetland, 113

**EDWARD, THOMAS**  
Greater Forkbeard on the Banffshire coast, 274; Dipper's nest on the top of a boulder, 468

**ELLIOT, EDMUND A. S.**  
Great Grey Shrike in Devonshire, 147

**EVANS, HERBERT A.**  
Siskin and Snow Bunting in North Devon, 231

**FEILDEN, Maj. H. W., R.A., C.M.Z.S.**  
Breeding of Fratercula arctica on the Burlings, 470

**FISHER, THEO.**  
Blue-throated Warbler on Spurn Head, 430

**FLEMING, Rev. WILLIAM W., M.A.**  
Note on the Hooded Crow, 490

**FORD, ROGER**  
Great Grey Shrike in Somersetshire, 69; Snow Bunting in Somersetshire, 73, 115; Leach's Petrel in Somersetshire, 145

**FOWLER, W. WARDE, M.A.**  
Ornithological notes from Switzerland, 374

**GATCOMBE, JOHN**  
Ornithological notes from Devon and Cornwall, 53; Black Rat in Devon, 64; Bottle-nosed Dolphins at Plymouth, 65; Sharks

on the coasts of Devon and Cornwall, 74; Blackfish on the Devonshire coast, 347

**GIBBINS, EDWARD J.**  
Origin of the name "Lobster" applied to the Stoat, 153

**GODFARD, G. BOUVERIE**  
Temerity in birds, 30

**GRAVES, JAMES**  
Instinct of birds, 344

**GURNEY, J. H., F.Z.S.**  
Note on the Harvest Mouse, 112; Origin of the name "Lobster" applied to the Stoat, 153; Note on a Gyr Falcon obtained in Sussex in 1851, 271

**GURNEY, J. H. jun., F.Z.S.**  
Kite and Marsh Titmouse in the Pyrenees, 71; Variety of Yellowhammer, 114, 281; Red-throated Pipit at Brighton, 192; Yellow Wagtail in confinement, 272; Unusual Variety of Snipe, 389; Food of Sparrow, 428

**GUNN, T. E., F.L.S.**  
Ornithological notes from Norfolk and Suffolk, 1

**HADFIELD, Capt. HENRY W.**  
Ornithological notes from the Isle of Wight, 29; Gulls in the Isle of Wight, 74

**HAMILTON, EDWARD, M.D., F.Z.S.**  
Wayside notes in Switzerland, 41

**HARDING, ISAAC**  
Migratory birds on the Yorkshire Moors, 190

**HARTING, J. E., F.L.S., F.Z.S.**  
Rudolphi's Rorqual on the coast of Essex, 27; The "Attagen" of the Ancients, 31; Memoir of the late Prof. Schlegel, 75; The Red Deer of Exmoor, 81; The last Great Auk, 141; The Establishment of a Marine Biological Station, 161; The Asiatic Elephant in freedom and captivity, 166; Capture of a White Whale on the coast of Caithness, 225; Sabine's Snipe near Waterford, 272; Mementoes of Hunting and Hawking, 275; Grey Seal in the Channel Islands, 337; Meaning of the word "Gaunt" applied to the Great Crested Grebe, 350; On the growth of Deer-horns, with reference to some abnormal antlers of the Roe, 353; Dogs: ancient and modern, 393; Hoopoe in Sussex, 428; *Balistes capriscus* off Folkestone, 472

**HEWETT, W.**  
Terns and Gulls inland in Yorkshire, 343

**HOWARD, ROBERT J.**  
Breeding of the Ruff in Lancashire, 466, 490; Reported occurrence of Cranes near Clitheroe, 470

**INNES, J. BRODIE**  
White Partridges, 342

**KELSALL, J. E.**  
Greater Horse-shoe Bat at Oxford, 483

**KNIGHTS, J. H. H.**  
Spoonbills in Suffolk, 471

**LAVER, HENRY, F.R.C.S., F.L.S.**  
Little Bittern at Colchester, 342

**LILFORD, Rt. Hon. Lord, F.L.S.**  
Notes on the Ornithology of Northamptonshire, 192, 450; Notes on the Mammalia of Northamptonshire, 428

**LISTER, THEO.**  
Wildfowl at Aldeburgh, 67

**LITTLEBOY, J.**  
Uncommon birds in Herts, 194

**LOVETT, EDWARD**  
Lutraria oblonga in Jersey, 274; Large Crayfish, 274; Instinct in birds, 389; Abnormal shell of *Buccinum undatum*, 490; Abnormal colour of Common Lobster, 491

**MACPHERSON, Rev. HUGH A., M.A.**  
Hybrid Canary and Serin Finch, 74; Grey Shrike near Carlisle, 114; Long-tailed Duck in Cumberland, 115; Ornithological notes from Carlisle, 127; Varieties near Carlisle, 228; Rose-coloured Pastor in Sutherlandshire, 339; Golden Plover with white primaries, 346; Weasel in Skye, 381; Greenland Falcon in Skye, 382

**MANN, T. J.**  
Great Reed Warbler at Ringwood, Hants, 343

**MARSHALL, THOMAS**  
Stock Dove in Perthshire, 272

**MASHAM, J. F.**  
Rare birds in Lincolnshire, 70; Hybrid Canary and Serin Finch, 144

**MATHEW, Rev. M. A., M.A., F.L.S.**  
The birds of Pembrokeshire, 211;

Habits of Parrots, 227; A visit to Skomer Island, 433

MATTHEWS, Rev. A., M.A. Badger and Polecat in Leicestershire, 271; An amber-coloured Mole, 271

MILLER, H. Tit's nest in a railway carriage, 387

MINVART, Prof. ST. GEORGE, F.R.S. Hands and feet, 281

MOOR, E. CHARLES Nest of Harvest Mouse, 190; Great Grey Shrike in Suffolk, 191

MORE, A. G., F.L.S. Greenland Falcon in Donegal, 31; Bonito on coast of Galway, 31

MOSELEY, Prof. H. N., M.A., F.R.S. A carnivorous plant preying on Vertebrata, 224

NELSON, T. H. Snipe perching, 28; Velvet Scoter near Manchester, 143; Sooty Shearwater at Redcar, 147; Black Pomatorhinus Skua at Redcar, 469; White Stork at Pevensey, 489

NEWTON, Prof. A., M.A., F.R.S. Origin of the name "Oystercatcher," 196

NORGATE, FRANK The Nightjar, 86

PALMER, J. E. Lapwing perching, 69; Method of recording observations, 109; Tufted Duck in Co. Kildare, 146; Hooded Crow wading, 343; Scarcity of summer birds in Co. Kildare, 389

PARKIN, THOMAS, M.A., F.Z.S. Ruddy Sheldrake on Romney Marsh, 469; Dipper in Sussex, 471

PENGELLY, WILLIAM, F.R.S. Curious variety of Guillemot, 71

PHILLIPS, E. CAMBRIDGE, F.L.S. Ornithological notes from Breconshire, 144; On the origin of the Domestic Cock, 327; The birds of Pembrokeshire, 381; White Carrion Crow, 385; Black Game in Pembrokeshire, 431; A supplementary list of the birds of Breconshire, 485

PLEYDELL, J. C. MANSEL, F.L.S. Hen Harrier breeding in Dorsetshire, 340; Ornithological notes from Dorsetshire, 430

POSTLETHWAITE, T. N. Birds of South Wales, 272; On the Nightjar, 340; On the birds of Berkshire, 487

POTTS, T. H., F.L.S. Habits of the Huia, 386; On some introduced birds in New Zealand, 448

PRENTIS, WALTER Little Gull at Rainham, Kent, 114; Red-throated Pipit in Kent, 272; Black Stork near Rainham, 429

RAE, JOHN Instinct of birds, 346; Common Domestic Duck diving for food, 388

ROEBUCK, W. DENISON, F.L.S., and W. EAGLE CLARKE, F.L.S. Notes on the Vertebrate Fauna of Yorkshire, 171

ROGERS, HENRY Snipe perching, 228

ROPE, G. T. Habits of the Harvest Mouse, 56; Weasel swimming, 337

RUSHBROOKE, O. Tit's nest in railway carriage, 388

SANDBERG, GRAHAM The Bittern in Suffolk, 31

SCOTT, Lord H. J., M.P. Flamingo shot in Hampshire, 338

SEEBOHM, HENRY, F.L.S., F.Z.S. On a new British Wren, 333

SIM, GEORGE An albino Cormorant, 342

SLATER, Rev. H. H., F.Z.S. Black Redstart in Northamptonshire, 31; The Ornithology of Riding Mill on Tyne and neighbourhood, 92, 142; Breeding of the Lesser Redpoll in Northamptonshire, 144; Barred Warbler in Yorkshire, 489

SMITH, CECIL, F.Z.S. Fulmar Petrel in Somersetshire, 145; Great Grey Shrike and Snow Bunting in Somersetshire, 149

SOUTHWELL, THOMAS, F.Z.S. Note on the Seal and Whale Fishery of 1882, 121; Bi-dental Skulls of the Narwhal, 141; Provincial name for the Black Tern, 144; Notes on the Seal and Whale Fishery of 1883, 295

SQUIRE, BALMANNO The Burmese Elephant at the Zoological Gardens, 110

STANSELL, F.  
The larder of the Red-backed Shrike, 341

STEVENSON, HENRY, F.L.S.  
Mr. Gunn's Lesser Terns at the Fisheries Exhibition, 65; Ornithological notes from Norfolk, 370, 411

STEWART, DUNCAN  
Instinct of birds, 345

STEWART, HERBERT GOW  
Growth of Deer-horns, 427

THOMPSON, E. V.  
Grey Phalarope in Yorkshire, 31

THOMPSON, RICHARD H.  
Surf Scoter on the coast of Lancashire, 29

TINKLER, JOHN E.  
Ornithological notes from N.W. Yorkshire, 131, 196

TUCK, Rev. JULIAN G., M.A.  
Lesser Black-backed Gull on the Yorkshire coast, 485; Eared Grebe and Velvet Scoter at Hunstanton, 488

TURNER, HUGH  
The plumage of the young Kestrel, 70

UPCHER, A. H.  
Wryneck in winter, 74

USSHER, R. J.  
Black Redstart in Co. Waterford, 30; Recent occurrence of the Crane in Co. Mayo, 72; Early appearance of Wild Geese in Ireland, 471; Irish breeding stations of the Gannet, 479

VAILLANT, LEON  
Remarks on the fundamental distribution of colour in a living *Echeneis*, 186

WARD, Col. MICHAEL FOSTER  
Nesting of the Black Redstart in Bavaria, 480

WARREN, ROBERT  
Spotted Redshank and Long-tailed Duck in the Moy Estuary, 143; Ruff and Green Sandpiper in Co. Sligo, 429

WEBSTER, A. D.  
The depredations of Squirrels, 64

WHARTON, HENRY T., M.A., F.L.S.  
"Sea-blue Bird of March," 117

WHITAKER, J., F.L.S., F.Z.S.  
Scaup Duck in Notts, 70; Unusual variety of the Common Sandpiper, 72; Common Buzzard in Nottinghamshire, 73; Birds hovering over dead companions, 149; Variety of the Sky Lark, 230; Song of the Tree Sparrow, 232; Curious site for a Redstart's nest, 339; Montagu's Harrier in Nottinghamshire, 341; Dotterel in Nottinghamshire, 383; Wood Sandpiper in Nottinghamshire, 468; White Wood Pigeon and other varieties, 487

WHITE, JOHN N.  
Spoonbill in South of Ireland, 342

WHITEHURST, E. T.  
Green Sandpiper at Farnborough, 385

WHYMPER, CHARLES  
Kingfisher in London, 470

WILLMORE, JOHN H.  
Lesser Spotted Woodpecker near Stockbridge, 192; Wild Duck laying in a Rook's nest, 229

WOODWARD, B. B.  
The proposed adoption of trinomial nomenclature, 432

YOUNG, J., F.Z.S.  
Early nesting of the Common Heron, 191; Scarcity of Fieldfares and Redwings during the past winter, 228

## ALPHABETICAL LIST OF SUBJECTS.

Abnormal eggs of Blackbird, 195, 227; of Ring Ouzel, 273; growth in *Cancer pagurus*, 349; antlers of the Roe, 353

Abnormally coloured Sky Lark, 230

*Acanthyllis caudacuta*, 310; *fusca*, 311; *sylvatica*, 313

Accentor modularis, 47, 94

Accipiter nisus, 26, 43, 101

*Acredula Irbyi*, 22; *rosea*, 94

*Acrocephalus schoenobius*, 94; *strepurus*, 175

*Aegialitis hiaticula*, 16, 232

*Agonus cataphractus*, 181

*Alauda arborea*, 24, 98; *arvensis*, 98

Albert Memorial Museum, Exeter, 223, 424

*Alca troile*, 17

*Alcedo ispida*, 48, 100

*Alopecias vulpes*, 180

*Anas boschus*, 101, 177; *strepera*, 486

Anchovy, 183

Animal life, wanton destruction of in Shetland, 60

Animals, British, at the British Museum, 188; Bewick's engravings of, 223

*Anser brachyrhynchus*, 14, 101; *leucopsis*, 16, 232, 486; *segetum*, 177

*Anthus pratensis*, 95; *spipoletta*, 23; *trivialis*, 96

*Aquila chrysaetus*, 26, 42

*Ardea cinerea*, 45, 101, 176; *garzetta*, 177

*Ardetta minuta*, 101, 177

Argentine near Penzance, 171

*Asio accipitrinus*, 25, 100, 176; *otus*, 25, 100

*Athene noctua*, 25

*Atherina presbyter*, 182

"*Attagen*" of the Ancients, 31

Auk, Great, the last, 141; Little, 18, 105

"Auk, the: a Quarterly Journal of Ornithology," 142

*Auxis Roehni*, 181

Avi-Fauna of Spitzbergen, 231

Badger in North Yorkshire, 63; in Yorkshire, 174; in Leicestershire, 271

*Balistes capriseus*, 183; off Folkestone, 472

Barbets, 247, 249

Basse, 181

Bat, Greater Horse-shoe, at Oxford, 483; Lesser Horse-shoe, 173; Red-dish-grey, 173; Whiskered, 173

Bergylt, 19

*Bernicla brenta*, 14

Bewick's engravings of animals, 223

Birds, British, uncommon varieties of, 10; temerity in, 30; rare British, in the collection of Mr. J. Whitaker, 50; rare, in Lincolnshire, 70; hovering over dead companions, 149; migratory, on the Yorkshire moors, 190; uncommon, in Hertfordshire, 192; of Pembrokeshire, 211, 381; wingless, 226; of South Wales, 272; wild, protection of in India, 336; instinct of, 344, 389; summer, scarcity of in Co. Kildare, 389; on some introduced in New Zealand, 448; of Breconshire, supplemental list of, 485; of Berkshire, notes on, 487

Bittern, 7; in Suffolk, 31; American, in Sussex, 68; in Yorkshire, 177; in Berkshire, 469; Little, 9, 101, 177; at Colchester, 342

Blackbird, 46, 92; abnormal eggs of, 195, 227; and Thrush, hybrids between, 146

Blackcap, 93

Black-game in Pembrokeshire, 431

Blackfish on the Devonshire coast, 347

Blackstart, 174

Bluethroat, 174

Bonito on the coast of Galway, 31; Plain, 181

BOOKS REVIEWED:—

'Birds of South Africa,' by E. L. Layard, revised by R. B. Sharpe, 278

'Birds of Prey, Diurnal, a List of the, also a Record of Specimens preserved in the Norfolk and Norwich Museum,' by John H. Gurney, 280

'Evolution and Natural Theology,' by W. F. Kirby, 38

'Zoology, Elementary Text-Book of,' by Dr. Claus; translated and edited by Adam Sedgwick, 494

Botaurus lentiginosus, 177  
 Brama Raii, 181  
 Brambling, 97  
 Bream, Ray's, in Cornwall, 75; at Penzance, 432  
 Breeding of Redshank in N. Yorkshire, 72; of the Ruff in Lancashire, 466; of *Fratercula arctica* on the Burlings, 470; of Hawfinch in North Yorkshire, 487  
 British Museum, British animals at, 188  
 Bubo ignavus, 25  
 Buccinum undatum, abnormal shell of (with figure), 490  
 Bucco asiaticus, 256; *armillaris*, 256; *caniceps*, 252; *chrysopogon*, 255; *flavifrons*, 259; *franklinii*, 257; *grandis*, 251; *indicus*, 257; *lineatus*, 252; *malabaricus*, 258; *philippensis*, 244; *quadricolor*, 256; *ruficapillus*, 258; *trimaculatus*, 259; *versicolor*, 255; *viridis*, 255  
 Bucconidae, 249  
 Building sites of House Martin, 470  
 Bullfinch, 98  
 Bullhead, Armed, 181  
 Bunting, Common, 98; Cirl, 48, 175; Lapp, probable occurrence of near Grimsby, 484; Orlotan, 176; Reed, 98; Rustic, 176; Snow, 14, 98, 486, in Somersetshire, 73, 115, 149, in North Devon, 231  
 Bustard, Great, 179; Little, in Co. Cork, 69  
 Buteo vulgaris, 26, 44  
 Buzzard, Common, 26, 44; in Nottinghamshire, 73; Honey, 4; Roughlegged, 4; in Shetland, 113  
 Buzzards, 3  
 Caccabis petrosa, 178; *rufa*, 178  
 Calorhamphus lathami, 260  
 Canary and Serin Finch, hybrid, 74, 144  
 Cancer pagurus, abnormal growth in, 349  
 Capitonidae, 247  
 Caprimulgus europaeus, 99  
 Carduelis elegans, 48, 97  
 Carnivorous plant preying on Vertebrata, 224  
 Cat, Wild, in Lincolnshire, 380  
 Certhia discolor, 211; *familiaris*, 23, 46, 95; *himalayana*, 210; *nipalensis*, 211  
 Certhiidae, 202  
 Certhinae, 209  
 Chaffinch, 48, 97  
 Charadrius pluvialis, 104  
 Chaulelasmus streperus, 177  
 Chelidon urbica, 24, 49, 97  
 Chiffchaff, 94  
 Chrysomitis citrinella, 24; *spinus*, 97  
 Ciconia alba, 44  
 Cinclus albicollis, 21; *aquaticus*, 47, 93; *melanogaster*, 174  
 Circus cyaneus, 100  
 Circaetus gallicus, 26  
 Clangula glaucion, 102  
 Coal-fish, 19  
 Coccothraustes vulgaris, 24, 97  
 Cock, Domestic, on the origin of the, 327  
 Cod, 18  
 Collocalia fucifaga, 321; *nidifica*, 321  
 Columba aenas, 102, 178; *livia*, 178; *palumbus*, 102  
 Colymbus arcticus, 15; *glacialis*, 15; *septentrionalis*, 18  
 Coot, 49  
 Coracias garrulus, 176  
 Cormorant, 176; an albino, 342  
 Corvus corax, 25, 99; *cornix*, 99; *corone*, 45, 99; *frugilegus*, 45, 99; *monedula*, 99  
 Cotile riparia, 49, 97; *rupestris*, 24  
 Coturnix communis, 26, 103  
 Crab, Dwarf Swimming, at Penzance, 75  
 Crabs, Floating, at Penzance, 116  
 Crake, Baillon's, 179; Corn, 103  
 Cramp-ray, 181  
 Crane, recent occurrence of in Co. Mayo, 72  
 Cranes, reported occurrence of near Clitheroe, 470  
 Crayfish, large, 274; Ray swallowing a, 472  
 Creeper, Tree, 46, 95  
 Crex pratensis, 103  
 Crossbill, 98  
 Crow, Carrion, 45, 99; white, 385; Hooded, 99, at Malta, 486, wading, 343  
 Crustacea on the South Coast of Devon, 151  
 Ctenolabrus rupestris, 182  
 Cuckoo, 100  
 Cueulus canorus, 100  
 Curlew, 105, 179; Stone, food of, 68, 113  
 Cyanecula Wolfi, 22  
 Cyclopterus lumpus at Penzance, 234

Cypselidæ, 300  
 Cypselinæ, 304  
*Cypselus affinis*, 305; *apus*, 49, 99;  
     *balasiensis*, 307; *leuconyx*, 305;  
     *melba*, 176, 304; *vittatus*, 305

*Dafila acuta*, 177  
*Daulias luscinia*, 22, 175  
*Davis Lectures* (1884), 223  
 Deal-fish, 182  
 Deer killed by lightning, 336  
 Deer-horns, growth of, with reference to some abnormal antlers of the Roe (with illustrations), 353; growth of, 425, 427  
*Delphinus tursio*, 174  
*Dendrophila frontalis*, 207  
 Dipper, 93, in Sussex, 471; Black-breasted, 174  
 Dipper's nest on the top of a boulder, 468  
 Diver, Black-throated, 15; Great Northern, 15; Red-throated, 18  
 Dogs: ancient and modern (with illustrations), 393  
 Dolphin, Bottle-nosed, 174; at Plymouth, 65  
 Dotterel in Nottinghamshire, 383  
 Dove, Ring, 102; Rock, 178; Stock, 102, 178, in Perthshire, 272  
 Duck, Common Domestic, diving for food, 388; Common Wild, 101; Eider, 18; Long-tailed, 15, in Cumberland, 115, in the Moy Estuary, 143; Scaup, in Notts, 70; Tufted, 102, in Co. Kildare, 146, in Yorkshire, 178; Wild, laying in Rook's nest, 229, 230  
 Dunlin, 105

Eagle, Golden, 42  
 Echeneis, living, remarks on the fundamental distribution of colour in a, 186  
 Egging on the coast of Yorkshire, 438  
 Eggs, abnormal, of Blackbird, 195, 227; of Ring Ouzel, 273  
 Egret, Little, 177  
 Eider, King, 15  
 Elephant, Asiatic, in freedom and captivity, 166; Burmese, at the Zoological Gardens, 62, 110  
*Emberiza cia*, 24; *cirlus*, 24, 48, 175; *citrinella*, 24, 48, 98; *hortulana*, 176; *miliaria*, 98; *nivalis*, 486; *rustica*, 176; *schœnielus*, 98  
 Engraulis *enerasicholus*, 183  
*Erithacus rubecula*, 47, 93

Falco *asalon*, 101; *sparverius*, 176; *tinnunculus*, 26, 43, 101  
 Falco or Hierofalco, 271  
 Falcon, 13; Greenland, in Co. Donegal, 31, 115, in Skye, 382; Gyr, obtained in Sussex in 1851, 271  
 Fauna, Vertebrate, of Yorkshire, Supplement to the, 109; notes on the, 171  
 Fieldfare, 92  
 Fieldfares, scarcity of during the past winter, 228, 339  
 File-fish, 183  
 Finch, Serin, and Canary, hybrid, 74, 144  
 Finwhale fishery on the coast of Finland, 366, 417, 455  
 Fish, spawning of, 116  
 Fisheries Exhibition, Mr. Gunn's Lesser Terns at the, 65  
 Fishery, Seal and Whale, of 1882, notes on, 121  
 Flamingo shot in Hampshire, 338  
 Flycatcher, Pied, 96; Spotted, 47, 96  
 Food of the Stone Curlew, 68, 113; of the House Sparrow, 342; of Sparrows, 428  
 Forkbeard, Greater, in Devon, 196; on the Banffshire coast, 274  
 Fratercula arctica breeding on the Burlings, 470  
*Fringilla cœlebs*, 24, 48, 97; *montifringilla*, 24, 97  
 Frog, Edible, origin of in England, 265  
 Frogs, Aquatic, existence of two species of in North Germany, 220  
 Fulica atra, 49  
 Fuligula cristata, 102, 178; *ferina*, 26

*Gadus æglifinus*, 18; *morrhua*, 18  
 Gadwall, 177, 486  
*Gallinago cœlestis*, 105; *gallinula*, 105  
*Gallinula chloropus*, 104  
 Game-bag, an Austrian, 270  
 Gannet, Irish breeding-stations of the, 478  
 Garganey, 177  
*Garrulus glandarius*, 25, 45, 98  
*Gasterosteus pungitius*, 182  
 "Gaunt," meaning of the word, applied to the Great Crested Grebe, 350  
*Gecinus viridis*, 25, 46, 99  
 Geese, Wild, early appearance of in Ireland, 471  
*Glareola pratineola*, 104

*Globicephalus melas*, 174  
*Golderest*, 94; early nesting of, 230  
*Golden-eye*, 102  
*Goldfinch*, 48, 97  
*Goldsinny*, 182  
*Goosander*, 102  
*Goose*, Bean, 177; Bernicle, 16, 232, 486; Brent, 14; Pink-footed, 14, 101; White-fronted, in Berkshire, 469  
*Grebe*, Eared, at Hunstanton, 488; Great Crested, meaning of the word "Gaunt" applied to, 350; Red-necked, 105; Lesser, 106  
*Greenfinch*, 97  
*Grouse*, 103; Black, 103  
*Grus communis*, 27  
*Guillemot*, Common, 17; curious variety of, 71  
*Gull*, Black-headed, 105; Brown-headed, 180; Common, 105; Iceland, 180; Ivory, 16; Lesser Black-backed, on the Yorkshire coast, 483; Little, 7, at Penzance, 74, at Rainham, Kent, 114; Sabine's, in Dublin Bay, 490  
*Gulls* in the Isle of Wight, 74; inland in Yorkshire, 343  
*Gypætus barbatus*, 26, 42  
*Gyps fulvus*, 25  
*Habits of the Harvest Mouse*, 56; note on, 112; of Parrots, 145, 227; of Woodcock and Snipe, 148; of the Magpie, 344; of the Huia, 386  
*Haddock*, 18  
*Hands and feet*, 281  
*Harelda glacialis*, 15  
*Hares and Rabbits*, destruction of trees by, 64  
*Harrier*, Hen, 100, breeding in Dorsetshire, 340; Marsh, 5; Montagu's, in Nottinghamshire, 341  
*Harvest Mouse*, habits of, 56, 112  
*Hawfinch*, 97; at Penzance, 74; breeding in North Yorkshire, 487  
*Hawking and hunting in the last century*, mementoes of, 275  
*Hedgesparrow*, 47, 94  
*Heron*, 45, 101, 176; early nesting of, 191; Night, in Kent, 74  
*Hippoglossus vulgaris*, 19  
*Hirundo rustica*, 23, 48, 97  
*Hobby* in Oxfordshire, 486  
*Holibut*, 19  
*Hoopoe*, records of in Hampshire, 28, 68; in Sussex, 428  
*Huia*, habits of the, 386  
*Hunterian Museum*, 336  
*Hunting and hawking in the last century*, mementoes of, 275  
*Hybrid Pheasants*, 70; Canary and Serin Finch, 74, 144  
*Hybrids between Blackbird and Thrush*, 146  
*Hyperoodon latifrons*, 174; rostratum, 174  
*Ichthyological notes from Mevagissey*, Cornwall, 348  
*Instinct of birds*, 344  
*International Ornithological Congress at Vienna*, 139, 188, 346  
*Ireland*, Thompson's Natural History of, proposed Supplement, 187  
*Jackdaw*, 99  
*Jay*, 45, 98  
*John Doree*, 181  
*Jynx torquilla*, 25, 99, 176; in winter, 74  
*Kestrel*, 43, 101, nesting in holes in trees, 148; American, 176, in Yorkshire, 230; young, plumage of, 70; Pale-coloured, from Skye, 67  
*King-fish*, 181  
*Kingfisher*, 5, 48, 100; in London, 470  
*Kite*, 1, in the Pyrenees, 71; Fork-tailed, 43; Swallow-tailed, occurrence of in Europe, 145  
*Labrax lupus*, 181  
*Læmargus borealis*, 181  
*Lagopus scoticus*, 103  
*Lammergeier*, 42  
*Lamna cornubica*, 180  
*Lampris luna*, 181  
*Lanius major*, 175  
*Lapwing*, 104; perching, 69  
*Lark*, Sky, 98, variety of, 230, abnormally coloured, 230; Wood, 98  
*Larus canus*, 105; leucopterus, 180; ridibundus, 105, 180  
*Leuciseus erythrophthalmus*, 183  
*Ligurinus chloris*, 97  
*Linnet*, 97  
*Linota cannabina*, 97; flavirostris, 175; linaria, 97, 175, 231; rufescens, 97  
*Lizards on the Rock of Filfolia*, 431  
*"Lobster," origin of the name applied to the Stoat*, 112, 153  
*Lobster*, Common, abnormal colour of, 491  
*Locustella naevia*, 94

*Lophophanes cristatus*, 22  
*Loxia curvirostra*, 98  
*Lumpsucker* 19  
*Lutraria oblonga* in Jersey, 274

*Macropteryx coronatus*, 323; *klecho*, 324  
*Macropterygiinae*, 322  
*Magpie*, 45, 99; habits of the, 344  
*Mallard*, 177  
*Mammalia* of Northamptonshire, 428  
*Mareca penelope*, 26, 101  
*Marine Biological Station*, English, proposed establishment of an, 161, 270, 378  
*Marten*, 173  
*Martes sylvestris*, 173  
*Martin*, 49; House, 5, building sites of, 470; Sand, 49, curious nesting-place of, 71  
*Meles taxus*, 174  
*Merganser*, Red-breasted, 102  
*Mergus alle*, 18, 105  
*Mergus merganser*, 102; *serrator*, 102  
*Merlangus carbonarius*, 19  
*Merlin*, 101  
*Milvus ictinus*, 43  
*Mole*, amber-coloured, 271  
*Monticola cyanus*, 21; *saxatilis*, 21  
*Montifringilla nivalis*, 24  
*Motacilla alba*, 23, 48, 95; *flava*, 48; *lugubris*, 48, 95; *melanope*, 23, 95; *raii*, 95; *sulphurea*, 48  
*Mouse*, Field, albino, 226; Harvest, habits of the, 56, note on, 112, nest of, 190  
*Mugil septentrionalis*, 182  
*Mullet*, Lesser Grey, 182  
*Muscicapa atricapilla*, 96; *grisola*, 47, 96

*Narwhal*, bi-dental skulls of the, 141  
*Nerophis aequoreus*, 183  
*Nest* of Harvest Mouse, 190; Rook's, Wild Duck laying in, 229, 230; Redstart's, curious site for, 339; of Tit in a railway carriage, 387; of Dipper on the top of a boulder, 468  
*Nesting* of Kestrel in holes in trees, 148; early, of the Common Heron, 191; of Grey Wagtail in East Devon, 195; early, of Golderest, 230; of Long-tailed Titmouse, 383; of Black Redstart in Bavaria, 430  
*Nesting-place*, curious, of Sand Martin, 71; of Great Tit, 229  
*Nightingale*, 175

*Nightjar*, 7, 86, 99; note on the, 340  
*Nomenclature*, trinomial, application of to Zoology, 241; zoological, 335; proposed adoption of, 432  
*Nucifraga caryocatactes*, 45  
*Numenius arquata*, 27, 105, 179; *phaeopus*, 16  
*Nutcracker*, 45  
*Nuthatch*, 95, 203  
*Nyctea nivea*, 16

Oar-fish, Banks', 182  
Observations, method of recording, 60, 109, 140  
*Edienemus crepitans*, 179; *scolopax*, 27  
*Opah*, 181  
*Opah-fish* in Shetland, 349  
*Oriolus galbula*, 23  
Ornithological Congress and Exhibition at Vienna, 139, 188, 346  
Ornithological notes from Breconshire, 144; from Carlisle, 127; from Devon and Cornwall, 53; from Dorsetshire, 430; from Norfolk, 370, 411; from Norfolk and Suffolk, 1; from North Lincolnshire in the autumn and winter of 1883, 184; from Oxfordshire, 488; from N.W. Yorkshire, 131; from Switzerland, 374; from the French Pyrenees, 20; from the Isle of Wight, 29  
Ornithologists' Union, American 106; British, 226  
Ornithology of Riding Mill on Tyne and neighbourhood, 92, 142; of Northamptonshire, notes on, 192, 450; three unpublished papers on, 201, 247, 300  
*Orthagoriscus mola*, 183; *truncatus*, 183  
*Osprey*, 1, 42, 176  
*Otis tarda*, 179  
*Ouzel*, Ring, 5, 93, 174; Water, 47  
*Owl*, Barn, 100; Long-eared, 100; Short-eared, 100, 176, subcutaneous worms in, 153; Tawny, 100, grey form of in Buckinghamshire, 471; Tengmalm's, 5  
"Oystercatcher," origin of the name, 196

*Pagophila eburnea*, 16  
*Panurus biarmicus*, 486  
*Pandion haliaetus*, 42, 176  
Parrots, habits of, 145, 227

Partridge, 102; Barbary, 178; Red-legged, 178  
 Partridges, white, 342  
*Parus ater*, 22, 46; *britannicus*, 95; *cæruleus*, 22, 46, 95; *major*, 22, 95  
*Passer domesticus*, 48, 97; *montanus*, 48, 97  
 Pastor, Rose-coloured, in Sutherlandshire, 339  
*Perdix cinerea*, 26, 102  
 Petrel, Fulmar, in Somersetshire, 145; Leach's, in Somersetshire, 145, in Yorkshire, 180, in Breconshire, 486  
*Phalacrocorax carbo*, 176  
 Phalarope, Grey, in Yorkshire, 31, at Malta, 486; Red-necked, 16  
*Phalaropus fulicarius*, 16  
*Phasianus colchicus*, 102  
 Pheasant, 102  
 Pheasants, hybrid, 70  
*Phylloscopus collybita*, 22, 94; *sibilatrix*, 94; *trochilus*, 94  
*Pica rustica*, 25, 99  
*Picus caudata*, 45; *major*, 99; *minor*, 176  
 Pigeon, Wood, cooing at night, 231; white, and other varieties, 487  
 Pintail, 177  
 Pipe-fish, *æquorial*, 183; Greater, in Mount's Bay, 116  
 Pipit, Meadow, 95; Red-throated, at Brighton, 192, in Kent, 272; Tree, 96  
 Plant, carnivorous, preying on *Vertebrata*, 224  
*Plectrophanes nivalis*, 14, 98  
 Plover, Golden, 104, with white primaries, 346; Grey, 104; Ringed, 16, 232  
 Plumage of the young Kestrel, 70  
*Podiceps fluvialis*, 106; *griseigena*, 105  
 Pogge, 181  
 Polecat in Devonshire, 189; in Leicestershire, 271  
 Porbeagle, 180  
 Porpoise in the Thames, 466  
*Porzana Bailloni*, 179; *maruetta*, 27  
*Pratincola rubetra*, 93; *rubicola*, 93  
*Pratincole*, 104  
*Procellaria Leachii*, 486; *leucorhoa*, 180  
*Puffinus anglorum*, 105; *griseus*, 180  
*Pyrrhocorax alpinus*, 25; *graculus*, 24  
*Pyrrhula europea*, 24, 98  
 Quail, 103  
*Querquedula circia*, 177; *crecca*, 26, 101, 177  
 Rabbits and Hares, destruction of trees by, 64  
 Rail, Water, 103; near Penzance, 429  
*Raja circularis*, 181; *maculata*, 181  
*Rana esculenta*, 221, 265; *fortis*, 221  
*Rallus aquaticus*, 103  
 Rat, Black, in Devon, 64  
 Raven, 45, 99  
 Ray, Homelyn, 181; Sandy, 181  
 Ray swallowing a Crayfish, 472  
 Redbreast, 47, 93  
 Red-deer of Exmoor, 81; Sir Edwin Landseer's, 222  
 Red-fish, 19  
 Redpoll, Lesser, 97, breeding in Northamptonshire, 144; Mealy, 97, 175, 231  
 Redshank, 105, 179, breeding in North Yorkshire, 72; Spotted, in the Moy Estuary, 143, in Yorkshire, 179  
 Redstart, Black, 47, 93; in Co. Waterford, 30, in Northamptonshire, 31, nesting in Bavaria, 430; in Breconshire, 485; Common, 47  
 Redstart's nest, curious site for, 339  
 Redwing, 92; scarcity of during the past winter, 228, 339  
*Regalecus Banksii*, 182; *Grillii*, 182  
*Regulus cristatus*, 22, 94; *ignicapillus*, 22  
*Rhinolophus hippocoloros*, 173  
 Rock-creeper, 208  
 Roe, some abnormal antlers of the (with illustrations), 353  
 Roller, 176  
 Rook, 45, 99  
*Rorqual*, Common, 456, 461, 464; Lesser, 462; Rudolphi's, on the coast of Essex, 27, at Goole, 483, colour of, 465; Sibbald's, 461, 465  
 Ruff in Co. Sligo, 429; breeding in Lancashire, 466, 490  
 Ruffs and Reeves in Lincolnshire, 466  
*Ruticilla phoenicurus*, 47, 93; *tithys*, 21, 47, 174, 485  
*Salmo fario*, 183; *salar*, 18  
 Salmon, 18  
*Salpornis spilonotus*, 209  
 Sand-smelt, 182  
 Sandpiper, Common, unusual variety of, 72, in winter, 73, 115; Curlew,

179; Green, at Farnborough, 385, in Co. Sligo, 429, in North Yorkshire, 431, at Talybont, 486; Purple, 18; Spotted, 179; Wood, 179, in Nottinghamshire, 468

Saxicola cenanthe, 21, 93

Schlegel, Prof., memoir of the late, 75

Scolopax rusticula, 104

Scops giu, 25

Scoter, Surf, on the coast of Lancashire, 29; Velvet, near Manchester, 143, at Hunstanton, 488

Scyllarus arctus at the Land's End, 491

Scymnus borealis, 19

"Sea-Blue Bird of March," 117, 197

Sea-bream, Ray's, 181

Seal, Grey, in the Channel Islands, 337

Seal and Whale fishery of 1882, notes on, 121; of 1883, 295

Sebastes norvegicus? 19

Serinus hortulanus, 24

Shark, Basking, on the Cornish coast, 273; Greenland, 19, 181; Fox, 180; Spinous, on the coast of Cornwall, 150

Sharks on the coasts of Devon and Cornwall, 74

Shearwater, Manx, 105, inland in Shropshire, 431; Sooty, at Redcar, 147, in Yorkshire, 180

Shearwaters on the Rock of Filfol, 467

Sheldrake, Ruddy, on Romney Marsh, 468

Shoveller, 101, 177

Shrike, Great Grey, at York, 68, in Somersetshire, 69, 149, in Devonshire, 147, in Suffolk, 191, in Northamptonshire and Oxfordshire, 229; Grey, near Carlisle, 114; Pallas's Great Grey, 175; Red-backed, the larder of, 341

Sild-Kung, 182

Siskin, 97; in Co. Cork, 149; in North Devon, 231

Sitta cæsia, 23, 95; castaneoventris, 206; cinnamoventris, 206; formosa, 205; himalayana, 206

Sittinæ, 203

Skate, 19

Skomer Island, a visit to, 433

Skua, Black Pomatorhine, at Redcar, 469; Buffon's, 14, 232; Pomatorhine, 16, 232; Richardson's, 17

Snipe, 105; and Woodcock, habits of, 148; Great, in Co. Cork, 149; Jack, 105; Sabine's, near Waterford, 272

Snipe perching, 28, 228; unusual variety of the, 339

SOCIETIES, SCIENTIFIC:—

- Entomological, 119, 158, 238, 352, 391
- Linnean, 32, 78, 118, 155, 197, 235, 276, 491
- Zoological, 36, 78, 119, 156, 199, 236, 277, 350, 493

Somateria mollissima, 18; spectabilis, 15

Song of Tree Sparrow, 232

Spawning of fish, 116

Sparrowhawk, 3, 43, 101

Sparrow, House, 48, 97, food of, 342, 428; Tree, 48, 97, song of, 232

Spatula clypeata, 101, 177

Spitzbergen, an autumn visit to, 13; avifauna of, 231

Spoonbill in the South of Ireland, 342

Spoonbills in Suffolk, 471

Squatarola helvetica, 104

Squirrels, depredations of, 64

Starling, 98

Starlings, strange behaviour of, 70

Stercorarius crepidatus, 17; longicaudatus, 14, 232; pomatorhinus, 16, 232

Sterna anglica, 27; Dougalli, 180; fuliginosa, 180; macrura, 105

Stickleback, Ten-spined, 182

Stint, Little, 179

Stoat, origin of the name "Lobster" applied to the, 112, 153

Stoats acquiring the ermine dress in mild seasons, 112

Stonechat, 93

Stork, 44; Black, near Rainham, 429; white, at Pevensey, 489

Strepsilas interpres, 16, 486

Strix flammea, 25, 100

Sturnus vulgaris, 98

Sula bassana, 473

Sun-fish, Long, near Penzance, 390; Oblong, 183; Short, 183

Surmullet, large, in Mount's Bay, 234

Swallow, 48, 27

Swan, 17

Swift, 49, 99; Alpine, 176

Swifts, 300; Crested Jungle, 322; Spiny-tailed, 309

Swiftlets, 313

Switzerland, notes from, 374

Syllis, phosphorescence of, 117

*Sylvia atricapilla*, 22, 47, 93; *curluca*, 93; *rufa*, 22, 93; *salicaria*, 22, 94  
*Syrnium aluco*, 100

**Teal**, 101, 177  
**Tern**, Arctic, 105; Black, provincial name for, 144, in Berkshire, 469; Roseate, 180; Sooty, 180  
**Terns**, Common, inland in Yorkshire, 343; Lesser, Mr. Gunn's, at the Fisheries Exhibition, 65  
**Tetrao tetrix**, 103; *urogallus*, 27  
**Thresher**, 180  
**Thrush**, 46; and Blackbird, hybrids between, 146; *Missel*, 5, 46, 92; Song, 92; White's, 174  
**Tichodroma muraria**, 23, 208  
**Tiger**, photographing a, 465  
**Tit's nest in a railway carriage**, 387  
**Titmouse**, Bearded, 486; Blue, 46, 95; curious variety of, 69; Coal, 46, 95; Great, 95; curious nesting-place of, 229; Long-tailed, 94; nesting of, 383; Marsh, 95, in the Pyrenees, 71  
**Torpedo hebetans**, 181  
**Totanus calidris**, 105, 179; *fuscescens*, 179; *glareola*, 179; *hypoleucus*, 27; *macularius*, 179; *ochropus*, 27, 486  
**Trachypterus arcticus**, 182  
**Tree-creeper**, 210  
**Tringa alpina**, 105; *maritima*, 18; *minuta*, 179; *subarquata*, 179  
**Troglodytes parvulus**, 23, 47, 95  
**Trout**, Swaledale (var. *g* of Dr. Day), 183  
**Turbot** coloured on both surfaces, 115  
**Turdus iliacus**, 20, 92; *merula*, 21, 92; *musicus*, 92; *pilaris*, 92; *torquatus*, 21, 93, 174; *varius*, 174; *viscivorus*, 20, 46, 92  
**Turnstone**, 16, 486  
**Turtur communis**, 26  
**Twite**, 175  
**Upupa epops**, 25  
**Vaagmaer**, 182  
**Vanellus vulgaris**, 104  
**Varieties**, uncommon, of British birds, 10; near Carlisle, 228; of Wood Pigeon, 487  
**Variety**, curious, of Waterhen, 8; curious, of Blue Tit, 69; curious, of Guillemot, 71; unusual, of Common Sandpiper, 72; of Yellowhammer, 114, 231; of Sky Lark, 230; unusual, of Snipe, 339; white, of Carrion Crow, 385  
**Vertebrata**, carnivorous plant preying on, 224  
**Vertebrate Fauna of Yorkshire**, Supplement to the, 102; notes on the, 171  
**Vespertilio mystacinus**, 173; *Nattereri*, 173  
**Visitors**, rare, to North Oxfordshire 341  
**Waders** in Breydon Harbour, 8  
**Wagtail**, Blue-headed, Yellow, in confinement, 232; Grey, 48, 95; nesting in East Devon, 195; Pied, 48, 95; White, 48, 95; Yellow, 48, 95, in confinement, 272  
**Warbler**, Barred, in Yorkshire, Cambridge and Norfolk, 489; Blue-throated, on Spurn Head, 430; Garden, 94; Grasshopper, 94; Great Reed, at Ringwood, Hants, 343; Reed, 175; Sedge, 94  
**Waterhen**, 104; variety of, 8  
**Waxwing** in Shetland, 113  
**Weasel** swimming, 337; in Skye, 381  
**Weaver**, Greater, in Devon, 150  
**Whale**, Broad-fronted Beaked, 174; Common Beaked, 174; Hump-back, 421; Pilot, 174; White, capture of on the coast of Caithness, 225  
**Whale and Seal fishery of 1882**, notes on, 121; of 1882, 295  
**Wheatear**, 93  
**Whimbrel**, 16  
**Whinchat**, 93  
**Whitethroat**, 93; Lesser, 93  
**Wigeon**, 101  
**Wildfowl** at Aldeburgh, 67; in North Oxfordshire, 113  
**Wingless birds**, 226  
**Woodcock**, 104; and Snipe, habits of, 148; in captivity, 150  
**Woodpecker**, Greater Spotted, 6, 99; Green, 6, 46, 99; Lesser Spotted, 6, 176; near Stockbridge, 192  
**Worms**, subcutaneous, in Short-eared Owl, 153  
**Wreck-fish** at Penzance, 432  
**Wren**, 47; British, on a new species of (with figure), 333; the St. Kilda, 383; Willow, 94; Wood, 94

Wryneck, 99, 176; in winter, 74

Yellowhammer, 48, 98; variety of, 114, 231

*Zeus faber*, 181

Zoological Gardens, Burmese Elephant at the, 62, 110

Zoological Society, Prosector of the 62

Zoology, application of trinomial nomenclature to, 241

LIST OF ILLUSTRATIONS.

	PAGE
New Species of British Wren, <i>Troglodytes hirtensis</i> , Seebohm . . . . .	334
The Growth of Deer-Horns, with reference to some abnormal Antlers of the Roe:—	
Figs. 1 and 2 . . . . .	360
Fig. 3 . . . . .	361
Figs. 4, 5, 6 and 7 . . . . .	362
,, 8, 9, 10 and 11 . . . . .	363
Fig. 12 . . . . .	364
,, 13 . . . . .	365
Dogs: Ancient and Modern:—	
Fig. 1. Egyptian Dog . . . . .	396
,, 2. Egyptian Hound . . . . .	397
,, 3. Egyptian Greyhound . . . . .	398
,, 4. Assyrian Mastiff . . . . .	399
,, 5. Ancient Egyptian Terrier . . . . .	400
Abnormal Shell of <i>Buccinum undatum</i> . . . . .	490

